**Superbugs in the Supermarket**

Before the advent of antibiotics, bacterial infections could be life threatening. With the discovery of antibiotics and the development of methods to mass-produce them, many bacterial infections became easily treatable. But the bacteria have fought back. Any population of organisms faced with a challenge to its survival has the potential to adapt via the process of natural selection. For example, many insects have become resistant to insecticides and many weeds have become resistant to herbicides. Similarly, some types of bacteria have responded to the increasing presence of antibiotics by becoming resistant to them.

**Viewing Questions:**

1. What does the term “Superbug” mean?
2. Where do the majority of Superbugs come from?
3. Why do farmers feed animals antibiotics?
4. How do Superbugs develop on organisms?
5. How many out of the 100 samples of supermarket chicken contained Superbugs? Out of this number, how many were resistant to antibiotics?
6. How many Canadians get sick from the food they eat each year?
7. Why is the overuse of antibiotics dangerous?
8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the most important antibiotic we have. It is given to pregnant women and children.